



January 29, 2010

Mr. Sam Chummar Work Assignment Manager U.S. Environmental Protection Agency (EPA) 77 West Jackson Boulevard (SR-6J) Chicago, IL 60604

Subject:

Oversight Summary for January 18 through January 21, 2010 (Week 2)

Plainwell Mill Site, Operable Unit No. 7 of

Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site

Plainwell, Allegan County, Michigan

Remedial Action Contract (RAC) 2 No. EP-S5-06-02

Work Assignment No. 041-RSBD-059B

Dear Mr. Chummar:

SulTRAC has prepared the enclosed summary to document Phase II remedial investigation activities at the above-referenced site from January 18 through 21, 2010 (Week 2). Weyerhaeuser Company is the potentially responsible party for the site, and Conestoga-Rovers & Associates, Inc. (CRA), is its environmental contractor. Appendix A of this summary contains a photographic log of the investigation activities. Appendix B contains SulTRAC's field oversight notes. Appendix C contains SulTRAC's field sample log. Attachment 1 contains CRA's site maps with proposed sample locations.

If you have any questions about the enclosed summary, please call me at (312) 201-7491.

Sincerely,

Jeffrey J. Lifka Project Manager

Enclosure

cc:

Norvelle Merrill-Crawford, EPA Contracting Officer (letter only)

Ron Riesing, SulTRAC Program Manager

File

ENCLOSURE

OVERSIGHT SUMMARY
FOR JANUARY 18 THROUGH JANUARY 21, 2010 (WEEK 2)
PLAINWELL MILL SITE
PLAINWELL, ALLEGAN COUNTY, MICHIGAN

(10 Pages)

OVERSIGHT SUMMARY FOR JANUARY 18 THROUGH JANUARY 21, 2010 (WEEK 2) PLAINWELL MILL SITE PLAINWELL, ALLEGAN COUNTY, MICHIGAN

SulTRAC Oversight Personnel:

Kristi Root, Tracey Koach, and Robert Kondreck

Reporting Period:

January 18 through 21, 2010 (Week 2)

INTRODUCTION

As requested by the U.S. Environmental Protection Agency (EPA) under contract number EP-S5-06-02 and work assignment number 041-RSBD-059B, SulTRAC conducted oversight and split sampling for Phase II of the Remedial Investigation (RI) for the Plainwell Mill Site, Operable Unit No.7 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site in Plainwell, Michigan. Weyerhaeuser Company (Weyerhaeuser) is the potentially responsible party (PRP) for the site. Conestoga-Rovers & Associates, Inc. (CRA) is the environmental consultant to Weyerhaeuser.

As requested by EPA, SulTRAC began oversight activities at the site on January 11, 2010. This report summarizes SulTRAC's oversight activities and documentation of the PRP's Phase II activities during Week 2 of the RI from January 18 through 21, 2010; issues and developments that arose during the oversight activities; and future activities. Appendix A contains a photographic log of Week 2's site activities, including Photographs 1 through 16. Appendix B contains a copy of SulTRAC's field oversight notes. Appendix C contains SULTRAC's field sample log. Attachment 1 contains CRA's site maps with proposed sample locations.

RI ACTIVITIES

During the second week of RI oversight excavation conducted from January 18 through 21, 2010, SulTRAC observed CRA advancing soil borings, excavating test pits, conducting vertical aquifer sampling (VAS) of the groundwater, collecting surface water samples, and surging/purging groundwater from existing and newly installed monitoring wells. CRA maintained two subsurface investigation crews on site. One drilling crew (Drill Crew-1) conducted VAS on Monday and was replaced on Tuesday with an excavation crew. The second drilling crew (Drill Crew-2) advanced soil borings throughout the week. CRA personnel not assigned to a drilling crew conducted surface water sampling and surged/purged groundwater from the existing and newly installed monitoring wells, in addition to processing samples. Also, the drilling rigs were owned and operated by CRA.

During Week 2, CRA advanced 28 soil borings (SB-110, SB-108, SB-107, SB-101, SB-106, SB-111, SB-308, SB-113, SB-112, SB-114, SB-116, SB-117, SB-115, SB-119, SB-144, SB-145, SB-143, SB-142, SB-102, SB-103, SB-120, SB-104, SB-122, SB-124, SB-126, SB-105, and SB-128); excavated 10 test pits (Test Pit-201, 202, 203, 301, 302, 306, 303, 307, 305, and 304); collected two surface water samples (SW-1 and SW-2); and re-installed one temporary VAS well (VAS-2). Samples collected by CRA and SulTRAC during week 2 include: 94 subsurface soil samples (CRA) with 22 split samples, in addition to two duplicates and one matrix spike (MS)/matrix spike duplicate (MSD) (SulTRAC); two surface water samples (SW-1 and SW-2) with no split-surface water samples (CRA); and two VAS samples (CRA) with one split sample (SulTRAC). Details for soil samples collected by CRA and SulTRAC are summarized in Appendix C. Sample locations are provided in CRA figures found in Attachment 1.

CRA collected (1) VAS groundwater samples for analysis for volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), and filtered and un-filtered metals; (2) soil samples from test pits and soil borings for analysis for VOCs, SVOCs, polychlorinated biphenyls (PCB), metals, Synthetic Precipitation Leaching Procedure (SPLP) metals, and general chemistry in addition to cyanide for selected soil borings; and (3) surface water samples for analysis for low-level mercury, methyl mercury, and hardness. SulTRAC collected (1) split VAS samples for analysis for VOCs, SVOCs, and filtered and un-filtered metals; and (2) soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. SulTRAC hand delivered soil samples to be analyzed for cyanide and metals, and water samples to be analyzed for metals, to its subcontractor laboratory, TriMatrix Laboratories, in Grand Rapids, MI. SulTRAC shipped all other split samples by overnight courier to an EPA Contract Laboratory Program (CLP) laboratory.

Monday, January 18, 2010

At 8:00 a.m., SulTRAC representatives Robert Kondreck, Tracey Koach, and Brian Malone arrived on site. The weather was overcast, with temperatures in the 30s degrees Fahrenheit (°F). CRA personnel on site included two drill crews (Geoprobe), three field technicians (David Rivers, Corrie Bondy, and Evan Varnas), and the field project coordinator (Jodi Dembowske). The field project coordinator was on site infrequently throughout the day. CRA collected VAS groundwater samples for analysis for VOCs, SVOCs, filtered and un-filtered metals; and soil samples from test pits and soil borings for analysis for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry, in addition to cyanide for selected soil borings. SulTRAC collected split VAS samples for analysis for VOCs, SVOCs, and filtered and unfiltered metals; and soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. Details involving sample identification and sample times are provided in Appendix C.

At 8:30 a.m., Drill Crew-1 began setting the temporary screen at the VAS location 2 (see Photograph No. 1 in Appendix A). Also in the morning, CRA continued to surge and purge new and existing monitoring wells using a high-volume pump (such as a Monsoon Pump). Drilling water used during monitoring well installation was removed and placed in a 200-gallon tote on the back of a CRA pickup truck (see Photograph No. 2 in Appendix A). Surging discontinued in new and existing wells after the water became visibly clear. A minimum of 10 gallons was removed from existing wells and a minimum of 28 gallons was removed from newly installed monitoring wells. Monitoring well surging/purging continued throughout the day.

At 9:30 a.m., Drill Crew-2 continued soil boring advancement in Area 1 starting at SB-110. Two samples were collected by CRA at this location: one from the 0- to 1-foot below ground surface (bgs) interval and one from the 8- to 10-foot bgs interval. SulTRAC did not collect any split samples at this location. Around 11:00 a.m., Drill Crew-2 mobilized to SB-108 and collected three samples (0 to 1 foot, 6.5 to 8.5 feet, and 8.5 to 10 feet bgs). SulTRAC collected one split sample at the 6.5- to 8.5-foot bgs interval. At 11:35 a.m., Drill Crew-2 broke for lunch.

By 9:55 a.m., Drill Crew-1 had stabilized water quality parameters at VAS-2 for the 26- to 30-foot bgs interval and collected a sample. SulTRAC collected a split sample from that location. CRA repeated the sampling process at VAS-2 for the 30- to 32-foot bgs interval. At 11:35 a.m., CRA sampled the 30- to 32-foot bgs interval. At 12:20 p.m., CRA and SulTRAC broke for lunch.

At 12:15 a.m., Drill Crew-2 returned from lunch and mobilized to SB-107. At SB-107 CRA collected three samples (0 to 1 foot, 6.5 to 8.5 feet, and 8.5 to 10 feet bgs). SulTRAC did not collect any samples. At 1:05 p.m., CRA mobilized to SB-101 and collected three samples (0 to 1 foot, 6.8 to 8.8 feet, and 8.8 to 9.5 feet bgs). SulTRAC collected a split sample at the 0- to 1-foot bgs interval. At 1:30 p.m., Drill Crew-1 began preparing to advance soil boring SB-308 using a jackhammer with a direct-push core barrel affixed to the end. A jackhammer was used instead of a Geoprobe at SB-308 due to accessibility issues at that location (see Photograph No. 3 in Appendix A). During advancement, CRA collected three soil samples (0 to 2 feet, 3 to 5 feet, and 7.5 to 9.5 feet bgs). Following completion of SB-308, Drilling Crew-1 discontinued operations and began preparing for site departure. In exchange for the Geoprobe, an excavator was delivered to the site in preparation for test pit excavations starting on Tuesday.

At 2:25 p.m., Drill Crew-2 mobilized to SB-106. CRA collected three samples (0 to 1 foot, 3.5 to 5.5 feet, and 8 to 10 feet bgs) with one duplicate sample at the 8- to 10-foot bgs interval. SulTRAC did not collect any split samples at SB-106. At 3:45 p.m., CRA mobilized to SB-111. CRA collected two samples, one each from 0 to 1 foot bgs and the 7- to 9-foot bgs intervals. SulTRAC collected one split sample from the 0- to 1-foot bgs interval.

Following completion of SB-308 and SB-111, CRA discontinued drilling activities and prepared samples for shipment. SulTRAC left the site at 4:45 p.m.

Tuesday, January 19, 2010

At 8:00 a.m., SulTRAC representatives, Robert Kondreck and Brian Malone arrived on site. Tracey Koach was on site frequently throughout the day but mostly prepared samples for shipment off site. The weather was overcast, in the 30s °F. CRA personnel on site included one drill crew (Geoprobe) and an excavator, three field technicians (David Rivers, Corrie Bondy, and Evan Varnas), and the field project coordinator (Jodi Dembowske). The field project coordinator was on site infrequently throughout the day. CRA collected soil samples from test pits and soil borings for analysis for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry, in addition to cyanide for selected soil borings; and surface water samples for analysis for low-level mercury, methyl mercury, and hardness. SulTRAC collected split soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. Details involving sample identification and sample times are provided in Appendix C.

Starting on Tuesday, CRA would have one crew operating an excavator for test pit investigations, and a second crew conducting subsurface investigations through use of a Geoprobe. At 8:30 a.m., the excavator was moved to SB-114 and began to remove soil to ease access to the soil boring location (see Photograph No. 4 in Appendix A). Starting in the morning, CRA began purging new and existing monitoring wells until water quality parameters had stabilized or 5 well volumes had been removed. CRA used a peristaltic pump to remove the groundwater from the well and measured water quality using a QED MP20 at a frequency of one reading per well volume. By 9:15 a.m., the excavator had finished creating an access to SB-114 and had begun using the skid-steer to create a pathway in the wooded area of Area 1 (see Photograph No. 5 in Appendix A). At 10:40 a.m., CRA finished creating a path in Area 1 and began preparing for test pit excavations. Excavation equipment used was a Komatsu (Avance PC200) excavator with a 4-foot-wide, 3-foot-deep bucket. At 11:00 a.m., CRA began excavating Test Pit 201 in Area 2. CRA collected two samples, one each from the 0- to 2-foot and the 8- to 10-foot bgs intervals. SulTRAC collected one split sample from the 8- to 10-foot bgs interval. After backfilling Test Pit 201, CRA and SulTRAC broke for lunch.

At approximately 8:30 a.m., the drill crew began advancing SB-113 to 20 feet bgs, collecting samples at the 0- to 1-foot and 8- to 10-foot bgs intervals. SulTRAC did not collect split samples at SB-113. At approximately 9:00 a.m., CRA mobilized to SB-112 and began advancing the soil boring to 20 feet bgs, collecting samples at the 0- to 1-foot and 6- to 8-foot bgs intervals, in addition to collecting a duplicate at the 0- to 1-foot bgs interval. SulTRAC collected a split sample and a duplicate sample at the 0- to 1-foot bgs interval. At 10:35 a.m., CRA began advancing SB-114 to 20 feet bgs (see Photograph No. 6 in Appendix A), collecting samples at the 0- to 1-foot and 8- to 10-foot bgs intervals. SulTRAC did not collect a split sample. At 11:35 a.m., CRA and SulTRAC broke for lunch.

At 12:15 p.m., the drill crew began advancing SB-116 to 20 feet bgs and collected samples from the 0- to 1-foot, 7- to 9-foot, and 9.5- to 10-foot bgs intervals. SulTRAC collected one split sample at the 7- to 9-foot bgs interval. At 1:15 p.m., CRA began advancing SB-117 to 20 feet bgs. The location of SB-117 was offset 4 feet to the east due to utilities. At SB-117, CRA collected samples from the 0- to 1-foot and 8- to 10-foot bgs intervals. Double volume was collected at 0 to 1 foot bgs to use as a MS/MSD sample for laboratory quality control. SulTRAC did not collect any split samples.

At 1:20 p.m., the Excavation Crew began excavating Test Pit 202 to 10 feet bgs. CRA collected two samples (1 to 2 feet and 8 to 10 feet bgs). CRA collected a duplicate at the 1- to 2-foot depth. SulTRAC did not collect a split sample. CRA ended excavation activities at 2:20 p.m., after backfilling Test Pit 202.

At 2:00 p.m., CRA was preparing to collect a surface water sample at location SW-1 (see Photograph No. 7 in Appendix A). CRA (Evan Varnas and Jodi Dembowske) used clean hands/dirty hands technique to collect the low-level mercury sample. At 2:45 p.m., CRA began preparing to collect a surface water sample at location SW-2. At 2:35 p.m., the Drill Crew mobilized to SB-115. After several attempts to advance the soil boring, CRA successfully completed the soil boring to 20 feet bgs on the third try and collected samples from 0 to 1 foot, 3 to 5 feet, and 9 to 10 feet bgs. SulTRAC collected one split sample from the 3- to 5-foot bgs interval. At 3:45 p.m., CRA mobilized to SB-119 and advanced a soil boring to 20 feet bgs. CRA collected samples at SB-119 at the 0- to 1-foot and the 8- to 10-foot bgs intervals. SulTRAC collected one split sample at the 8- to 10-foot bgs interval. At 4:45 p.m., CRA completed soil sampling for the day. At 4:55 p.m., SulTRAC left the site to deliver the samples for metals and cyanide analyses to TriMatrix in Grand Rapids and also ship CLP samples by FedEx.

Wednesday, January 20, 2010

At 8:00 a.m., SulTRAC representatives, Robert Kondreck and Brian Malone arrived on site. Tracey Koach was on site frequently throughout the day but mostly prepared samples for shipment off site. The weather was sunny and 22 °F. CRA personnel on site included one drill crew (Geoprobe) and an excavator, three field technicians (David Rivers, Corrie Bondy, and Evan Varnas), and the field project coordinator (Jodi Dembowske). The field project coordinator was on site infrequently throughout the day. CRA collected soil samples from test pits and soil borings for analysis for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. Details involving sample identification and sample times are provided in Appendix C.

In addition, CRA had one technician purging groundwater from the monitoring wells. During groundwater purging, water quality measurements were recorded every well volume until they had stabilized or 5 well volumes had been removed. At 8:30 a.m., the excavation crew began excavating Test Pit 203 to 10 feet bgs (see Photograph No. 8 in Appendix A). CRA collected three samples at 0.5- to 1.5-feet, 2- to 4-feet, and 8- to 10-feet bgs. SulTRAC collected one split sample at the 0.5- to 1.5-foot bgs interval. After backfilling Test Pit 203, CRA decontaminated the excavator before moving to Test Pit-301 in Area 3 (see Photograph No. 9 in Appendix A).

At 9:00 a.m., the CRA drill crew began advancing SB-114 to 20 feet bgs, and collected two samples from the 0- to 1-foot and 7- to 9-foot bgs intervals. CRA also collected a duplicate sample from the 7- to 9-foot bgs interval. SulTRAC did not collect a split sample at SB-114. At 10:20 a.m., CRA mobilized to SB-145. CRA advanced SB-145 to 20 feet bgs and collected two samples from the 0- to 1-foot and 7.5- to 9.5-foot

bgs intervals. SulTRAC collected a split sample at the 0- to 1-foot bgs interval. At 11:30 a.m., CRA began advancing SB-143 to 20 feet bgs. CRA collected two samples at the 0- to 1-foot and 8- to 10-foot bgs intervals. SulTRAC did not collect a split sample. At 12:10 p.m., CRA and SulTRAC broke for lunch.

At 11:30 a.m., CRA began excavating Test Pit 301 to 10 feet bgs, and collected three samples from the 0- to 1-foot, 6- to 8-foot, and 8- to 10-foot bgs intervals. SulTRAC collected one split sample at the 6- to 8- foot bgs interval. At 12:40 p.m., CRA and SulTRAC broke for lunch.

At 1:15 p.m., the CRA Drill Crew began advancing SB-142 to 20 feet bgs. CRA collected two samples from the 0- to 1-foot and the 8.5- to 10.5-foot bgs intervals. SulTRAC collected a split sample from the 8.5- to 10.5-foot bgs interval. At 2:00 p.m., CRA mobilized to SB-102. The marker for the boring had been removed, so CRA conducted a field measurement off of SB-114 to determine the location. CRA advanced SB-102 to 20 feet bgs and collected two samples at the 0- to 1-foot and 8- to 10-foot bgs intervals. SulTRAC did not collect a split-sample.

At 1:40 p.m., CRA began excavating Test Pit 302 to 11 feet bgs. CRA collected three samples, one each from the 0.5- to 1.5-foot, 4- to 6-foot, and 10- to 11-foot bgs intervals. SulTRAC collected a split sample at the 4- to 6-foot interval. At 3:10 p.m., CRA began excavating Test Pit 306. The excavation was only to 7 feet bgs due to sidewall collapse. CRA collected two samples at the 0.5- to 1.5-foot and 6- to 7-foot intervals, in addition to collecting a sample from the 6- to 7-foot bgs interval to use as a duplicate. At 4:05 p.m., CRA finished backfilling Test Pit 306 and ended excavation activities for the day.

At 3:15 p.m., the CRA Drill Crew advanced soil boring SB-118 to 20 feet bgs (see Photograph No. 10 in Appendix A). CRA collected two samples, one each at the 0- to 1-foot and 7.5- to 9.5-foot bgs intervals. In addition to the usual analyses, CRA selected SB-118 for analysis for cyanide. SulTRAC did not collect a split sample. At 4:00 p.m., CRA mobilized to SB-103. CRA advanced SB-103 to 20 feet bgs and collected two samples from the 0- to 1-foot and 7- to 9-foot bgs intervals. SulTRAC collected a split sample at the 7- to 9-foot bgs interval. SulTRAC left the site at 5:15 p.m.

Thursday, January 21, 2010

At 8:00 a.m., SulTRAC representatives, Robert Kondreck and Brian Malone arrived on site. Tracey Koach was on site frequently throughout the day but mostly prepared samples for shipment off site. The weather was sunny and 24 °F. CRA personnel on site included one drill crew (Geoprobe) and an excavator, three field technicians (David Rivers, Corrie Bondy, and Evan Varnas), and the field project coordinator (Jodi Dembowske). The field project coordinator was on site infrequently throughout the day. CRA collected soil samples from test pits and soil borings for analysis for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. Details involving sample identification and sample times are provided in Appendix C

In addition, CRA had a technician purging groundwater from the monitoring wells. During groundwater purging, water quality measurements were recorded every well volume until they had stabilized or 5 well volumes had been removed. CRA finished well development on January 21, 2010.

At 8:10 a.m., the CRA Drilling Crew began advancing SB-120 to 20 feet bgs. CRA collected two samples, one each from the 0- to 1-foot and 7.75- to 9.75-foot bgs intervals, in addition to collecting a duplicate sample at the 7.75- to 9.75-foot bgs interval. SulTRAC collected a split sample from the 7.75- to 9.75-foot bgs interval. At 9:30 a.m., CRA began advancing SB-104 to 20 feet bgs. CRA collected four samples, one each from the 0- to 1-foot, 3- to 5-foot, 5- to 7-foot, and 8- to 10-foot bgs intervals. An MS/MSD sample was collected by CRA at the 3- to 5-foot bgs interval. SulTRAC collected a split sample at the 0- to 1-foot bgs interval. At 10:45 p.m., CRA began advancing SB-122 to 20 feet bgs. CRA collected two samples, one each from the 0- to 1-foot and 8- to 10-foot intervals. SulTRAC collected a split sample from the 8- to 10-foot bgs interval. At 11:45 a.m., CRA and SulTRAC broke for lunch.

At 8:30 a.m., the CRA Excavation Crew began setting up at Test Pit 303 in Area 3. CRA excavated Test Pit 303 to 8 feet bgs and collected two samples from the 0- to 1-foot and 6- to 8- foot bgs intervals (see Photograph No. 11 in Appendix A). SulTRAC collected one split sample from the 6- to 8-foot bgs interval. At 10:15 a.m., CRA excavated Test Pit 307 to 10 feet bgs. CRA collected three samples, one each from the 0.5- to 1.5-foot, 2- to 3-foot, and 8- to 10-foot bgs intervals, plus a duplicate sample from the 0.5- to 1.5-foot bgs interval. SulTRAC collected a split sample from the 2- to 3-foot bgs interval and a duplicate sample from the same interval. Following completion of Test Pit 307, CRA and SulTRAC broke for lunch.

At 12:25 p.m., the CRA Drilling Crew began advancing SB-124 to 20 feet bgs. CRA collected two samples, one each from the 0- to 1-foot and 8- to 10-foot bgs intervals. SulTRAC collected a split sample from the 8- to 10-foot bgs interval. At 1:50 p.m., CRA began advancing SB-126 to 20 feet bgs. CRA collected two samples, one each from the 0- to 1-foot and 7.5- to 9.5-foot bgs intervals. SulTRAC collected a split sample from the 7.5- to 9.5-foot bgs interval. At 2:50 p.m., CRA began advancing SB-105 to 20 feet bgs (see Photograph No. 12 in Appendix A). CRA collected four samples, one each from the 0- to 1-foot, 1- to 3-foot, 3- to 5-foot, and 8- to 10-foot intervals. SulTRAC did not collect a split sample. At 3:40 p.m., CRA began advancing SB-128 to 20 feet bgs. CRA collected three samples, one each from the 0- to 1-foot, 3- to 5-foot, and 11.5- to 13.5-foot bgs intervals. CRA also collected a duplicate sample from the 3- to 5-foot bgs interval. SulTRAC did not collect a split sample.

At 1:10 p.m., the CRA Excavation Crew began excavating Test Pit 305 to 8 feet bgs. CRA collected three samples, one each from the 0.5- to 1.5-foot, 2- to 4-foot, and 6- to 8-foot bgs intervals. SulTRAC collected a split-and duplicate samples from the 0.5- to 1.5-foot bgs interval. At 2:50 p.m., CRA began excavating Test Pit 304 to 7 feet bgs. CRA collected three samples, one each from the 0.5- to 1.5-foot, 2- to 4-foot, and 5- to 7-foot bgs intervals. SulTRAC did not collect split samples from Test Pit 304. At 5:10 p.m., SulTRAC left the site after finishing sample processing for hand delivery of samples to TriMatrix in Grand Rapids, Michigan, and shipment of CLP samples by FedEx to EPA's CLP laboratory.

ISSUES AND DEVELOPMENTS

According to Section 5.1.3 of CRA's work plan, VAS samples were to be collected using a bailer. In addition, well purging was not required prior to sampling. During VAS sampling, CRA used a peristaltic pump to remove water from the temporary well. After water quality measurements had stabilized (except for turbidity), the temporary well interval was sampled using the peristaltic pump. This change in purging and sampling should not have an effect on the sample quality.

CRA offset some soil borings due to the presence of underground utilities. The soil borings were offset no more than 5 feet in the direction deemed least hazardous away from the utilities. This minor change in some sample boring locations should have no effect on the sample quality.

CRA continued to collect fewer samples than originally anticipated due to a higher water table being encountered at the site during drilling and sampling activities. In addition, the change in soil boring sampling procedures (made to accommodate a more efficient process to collect VOC samples) as noted in this section of the Week 1 report also continued during Week 2.

FUTURE ACTIVITIES

As requested by EPA, SulTRAC will continue performing oversight and split sampling activities until the Phase II RI is complete. SulTRAC will submit weekly summary reports to EPA for the duration of the Phase II RI field activities.

APPENDIX A

SULTRAC PHOTOGRAPHIC LOG

(Seven Pages)



Photograph No. 1 Location: Plainwell Mill Site Orientation: Southeast Date: January 18, 2010

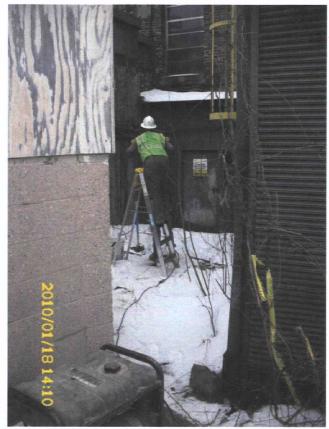
Description: Slid-out well screen used for vertical aquifer sampling (VAS).



Photograph No. 2 Location: Plainwell Mill Site Orientation: Northwest Date: January 18, 2010

Description: Conestoga-Rovers & Associates, Inc. (CRA) surging and purging MW-5 using a

high-volume pump.



Photograph No. 3 Location: Plainwell Mill Site Orientation: Northeast Date: January 18, 2010

Description: CRA advancing soil boring SB-308 using a jackhammer with a sampling barrel

attachment.



Photograph No. 4 Location: Plainwell Mill Site Orientation: East Date: January 19, 2010

Description: Soil removal by CRA at SB-114 in order to gain better access.



Photograph No. 5 Location: Plainwell Mill Site Orientation: North Date: January 19, 2010

Description: Path cleared to soil borings in Area 1 using a skid-steer.



Photograph No. 6 Orientation: Northwest

Description: Advancing SB-114.

Location: Plainwell Mill Site Date: January 19, 2010



Photograph No. 7 Orientation: Southeast

Description: Collecting surface water samples at SW-1.

Location: Plainwell Mill Site Date: January 19, 2010



Photograph No. 8 Orientation: Northwest

Description: Excavating Test Pit 203.

Location: Plainwell Mill Site Date: January 20, 2010



Photograph No. 9 Orientation: West

Description: Decontaminating the excavator bucket.

Location: Plainwell Mill Site Date: January 20, 2010



Photograph No. 10 Orientation: Northeast

Description: Advancing SB-118.

Location: Plainwell Mill Site Date: January 20, 2010



Photograph No. 11 Orientation: South Location: Plainwell Mill Site Date: January 21, 2010

Description: Collecting a sample for volatile organic compounds (VOC) analysis from the

excavator bucket at Test Pit 303



Date: January 21, 2010

Photograph No. 12 Orientation: Northeast

Description: Advancing SB-105.

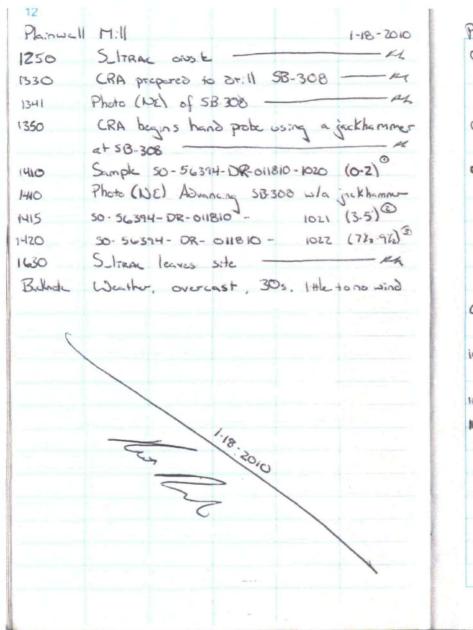
APPENDIX B

SULTRAC OVERSIGHT FIELD NOTES

(23 Sheets)

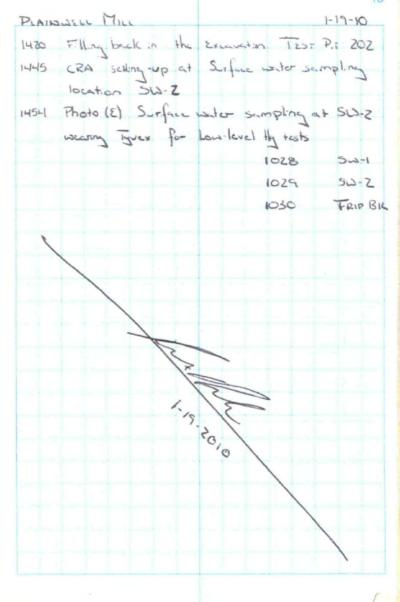
	- M.L
1232	Photo (SE) From left to Tyto MW.19,
	58.304 = 58-303 location
1315	START 53-307 -
0.5	Crusha Con -> DKBUFSERD TE M-GRAND
	DA -> L+ BN FSAND -> SIG
10-20	0 5.6 @ 17' Black Show +0:4 on 5.6
	Photo (N) of SB-307 location
1400	50. 56394- CB- 01410 - 047 (0-1)
1405	" - 048 (6.8)
1410	" 049 (68) Dup
1415	" o50 (8-i0) ©
1430	Begin installing MW-19, setting well
	from (8-15) 35-gallons
1456	Installing MW19 Photo (S)
1535	Installing Begin installing MW-13
	(9-16) 15 gallors
1614	Photo (SE) Installed MW-19
	1-14-10
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	Solh
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PLAINSL	nu Mu 1-18-10
0800	SITERC (KINKOWDERCK & KOUH)
	arrive onsite. Site Sefety meeting
	by CRA. CRA Zerms of Drillers
	# 2 geologist . CRA Pa (Job)
	onsite, Locator service ansite
0830	Begin sching VAR-2
0953	Well Suren Photo (Ovorew)
0954	Photo lovernew closerp of surces
0955	Sample VAP-2 (26.30) VA-2
	VAS- 56394- 02-011810-1018
iago	Enshed (2650) Simpling Begin advancing
	sucen to 30-32
1050	~ 10gallons or clear turbs drawn out
1129	CRA perging MW-5 Photo (NW)
1135	(RA simpling VAS-Z (30 32)
	VAS- 56394-DV -011810-1019
BACKNOK	
	SVAS- 56394-DR-011810-1018
Ballack	
	existing well water
1200	Finish sampling VAS-2 (30-32)
	Sitrac (Marone) onsite @ 1000
1220	Lunch -
	1-18-10
	for black

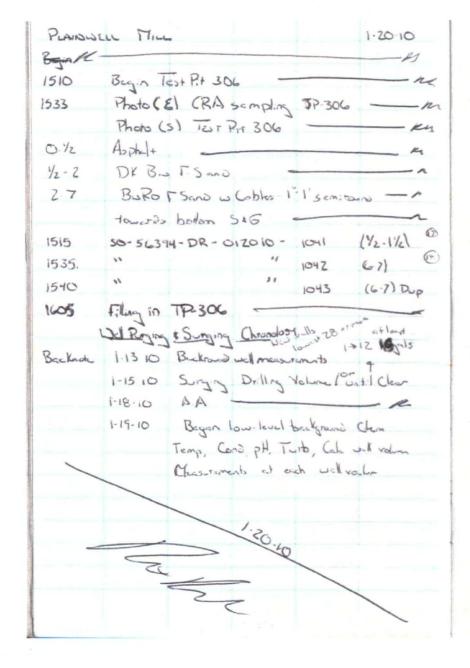


Planuell	c 1 (14	1-19-10
0800	S_TRAK (MOLON	is thousasses onsit
	Ste Sufety me	eting Wenther 30s no
	שוחם, סעונה או	3
0830	CRA Using e	eting Weather 30s no
	building a ramp	
0852	Photo [E] of s	
	101	to purge new o existing
	100	· Des melle werepumped
		ting wells 10-gallons we
		water quality readings
0016		for 3-well volumes
0915	is all some	cat to create a path
1		atea A
1003	Photo (N) CRA	clearly path in wood
1040	Finish path mak	ing, prepare for test p.ts
1100	CRA bying al	visquen prior to exceeding
	Photo (W) Buy	n test put excernation
	TEST PIT ZOI	
0-1	Alephali	R
1-2	FILIGAREL -	- K
2.10	RODK BU FSIND	w Cobles 1'-1' som randed
	1-19-10	
	hahl	

14		
PLAINW	LL MILL	1-19-10
1127	Photo (W) Test P.+ 701	K
1105	50 - 56374-DR-011910 - 1023	(0 2)
1130	50 - 56374 - DR - 011910 - 1024	(8)
100	5-50-56394- DR-011910-1024	(8.10)
	Sultane Splt Sampus	0
1150	Begin backfilling	
1153	Buckfilling Test P. + 201	
11-30	Lunch ?	
1300	END LUNCIY	
1320	Begin excuration on Test Pit Ze	02.
1329	Photo (S) TEST PIT 202 -	
0-1)	LASplat of 11 (1/2) Crusted Asplat	
	DX By FS.2	K
2.7	ROBER FSAND W/ Colle 1"-1' So	m-rade
	Course 516	A
-		- M
1348	Photo (E) Test P.1:202	KK
1330	SO - 56394 - DR - 01910 - 1025	(1-21)
1335	50-56394- DR-011910- 1026	(1-Z) Dup
1340	50 5639H- DR-011910 - 1027	(8-10)
1400	CRA preparing to collect surface	
	sample at location SU-1	- K
1413	Photo (SE) Sempling at SW-1.	
1420	11000 (000)	
	C 2 C .	9-10
		in the



	sweet Mile		120-10
6-8	Pen gravel w/ \$ Sand -		- 12
8.10	A.A W/ cobbles -		- K
1135	50-56394 - DR-012010 -	1034	10-11 H
1210	W	1035	(6-8)12
1210	5-50-56394-DR-012010 -	1035	1.8.3
	Strac SPLIT SAMPLE		3
1225	50.56394- DR-012010-	1036	(8.0)
1240	Losen		
1310	END Lund sond come.b -		ps
13 20	S. HTRUK ONSITE		
1340	Begin Executing TP-3	30	R
0-12	Asptali / Crushad Asptali		-2
1/2- H	DK Bo FSand & Cky -		
4-6/2	Domple hosehold west	(Bedsprings	, show,
	cans et mixed w FSvi	- 4	
6/2.90	A.A	7	1
90.10	ROBN F516		per
1345	50-56394-DR-012010-	1057	(Y2-1/2)
1400	"	1038	(4-6)
1400	5 50-56594-DR-012010-	1038	(4.6)
	SITRA SPLIT SAMPLE		6
1425	50-56394-DR-012010-	105	10-11
1450	Filling in Execution TP-3	502	
		1040 6	- TopBen
		1.20.10	•



PLANS	1-21-10
0800	SUTRAC (Malone & Kondreck) artive onsite
	Worther 24° no -2 Clear, S. E. Safety
0830	
0-1	Topso: 1/F.11
1-9	DK By F. Sand -
9-6	A.A. w/ Cobles 1"-1"
6.8	S16 7
0835	50-56394-DR-012110 - 1044 (01)
0855	" - 1045 \$ (6-8)
1	SLITRAC SPLIT SAMPLE MS/MSD B)
0855	5-50-56394- DR. 012110 - 1045 (6-8)
0755	Photo (SE) Test Pir 303
1015	Bugin exceiveding Test P. + 307
1045	Photo (S) Samply Tost P. 307 (8-10) Samples
0-3	Fill mater of, Brak Debis, Bousted Asphile (~Z')
3.8	LIBN F. Sind w/ Cobok 1"-1" increes y
	quantity with dipth
8-10	516
1020	50-56394. DR-017110 - 1046 (1/2-1/2) (21)
1025	" - 1047 (72.1%) Dy
1045	"- loug (8:10) (27)
1120	11 - 1049 2.3
1120	5-50-56394-DR-02110-1049 (2.3) 6
1125	5D-50-56394-DR-012110-1045 (2-3) Dep
_	SUITRAC SPUT
	1.21.10

20			
Planescu	Min		-21-10
1200	Sitrace lunch		
1230	Silvace Returns from lun	ch —	
Backnote	CRA collecting water qual		fron
	all MUs -	4	1.
1310	Exempting TP- 305		
0-2	Asphali, Gracel(X1) Crish Asp	hold/ Slag	Bluk
	Crish Asphilishing -	7	
2-6	F. Sand w/ Cobils 1"-1"	Sem: rounde	,
6-8	316		
MIS	Photo (5) of Test P.4-305		
1340	50-56394-DR-012110-	1050	(YL. 42) ES
1340	5-50- 56394- DR. 012110	1050	(/2 1/2)
	SliteRE Split SAMORE		3
1350	50 - 56394- DR-012110-	1051	MSIMSD
HO5	"-	1052	68
1450	Begin Excusting Test P.t.	304	
0.1	Crushed Asphalt, Sky		
1-5/2	F. Sind w/ increasing Cobles 1	"- 1' invea	5.79
	towards bottom		1
5/2.7	Sig -		
1524	Photo (S) Test P. + 304	-	
1455	50 - 56394 - DR - 012110 -	1053	(12-1/4)
1505	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1054	(2.4)
1515	" " "	1095	(5.7)
	1-21-10		,
	162 11	MI	

Allied Plainwell 01-13.2010 Weather overcost, cold (310F)
0800 SulTRAC (T. Koach, R. Kondiek) Weather: Clear, cold (zz°F) 1100 Oversee CRA (Evan Varnes) collect surface soil sample at location SSIDI in Ana 7. arrive on site and prepare for day. CRA staff alwardy on site.

0830 Tailgate health and partity sample at this location. CRA will be collecting their lab QC samples at this Cocation Bandy informed up that 1135 Collect soil samples after CRA she will be drilling at 55 101. Soil is brown median pend 1145 TAKE samples to Kinsty Root location Area 1. I will oversee her crew and Rob Kandrer & will over see the other Leave site to process samples. the VAS. must finish 1215 Aria I. Medium coarse sand, brown O-6" brown sitty Jime sand 6-18" with few grave 2" black outly and and and des brown sitty I we sand 20-(3-4 bgs) dark reddish brown sitty fine sand 4-10 black silly fine sand with

Allied - Plainwell 1-18-10 Jamecah 5 interval to field scan with a PID. Corrie Bandy (CRA) collects 1005 CRA collects poil sample from 8-10 1010 CRA collects a duplicate soil 1015 Brian Malore replaces me on soil boring and split Dampling oversight. 1043 Soil boring OB-121 offset to the northeast die to Milities and tree nots in the over of the proposed locations New location otill within the included footprint of the laxon. 1045 CRA advancing SB-108. Correct Oritored 10-15 bys Salthac will collect split sample from this location by 1000 CRA indicated no study evidence in 38 110 or , 58-108. SulTRAL did not 05×102 6/1/2 10 38.108. - BM 1115 PIB reading = 14-16 = . 7 pp. Rist of interest = 0.0. - BM

Allied - Plainnell 1-18-10 1118 Sultra 411 split semple 5-55- 56394-08-011810-057, 1125 CRA and S-1 TRAC collect collect 5-55- 56394- CB - 011810-057. 1138 CAA Straks for lunch -1215 CEA back onsite to proune soil 1225 CRA begins SB-107. - On 0-6 Medium brown rourse said, Now colosive, non-plestic. - Bre 6"-1' - Light Sour coorse sand, we, me 1:5-4.5' - Midlim grey sand core sand, to silty said at 7.4.4.5. Colonice 1.5-15' Light grey poper risideal, poste-5-7' Light goeg paper roaded with Tight see course sont layers.

7' Light goes rock lease, limillier.

7'-16'- Black course soud. Non-colosice, at 15 Neck for sound south, day to not at 15 Neck up. 3AB. Little rury

Allied - Plaimell 1-18-10 - Backnote: SP-108 CIA collected surple tron 0-1,6.5-8.5, \$ 8.5-10.0° 1250 CRA collects soil samples 0590-1 060 4-5.6-661 6.5-8.5-062-en 1300 PID Rodings: 6-8'= . 9 ppm, 0-2=.3 2-4 = .5, 4-6 = .8, 8-10 = .8, 10-12=.6, 12-14=.6, 14-16=0.6, 15-20=.5-84 1305 CRA MORS MX to 36-101 -BNI 0-6" Durk Indian reddish trown for sand 611-511 5AB white, non-plestic-5'-7.5- SAB, large rock of 7.5 7.5-10.0 - Litt/ motion brans coarse sand, non-cole sice, NP -10-15 Black, over & grained sand, noncohesu, NP. 15-70 SAD, wet 1340 CAA to sample 0-1/62, 6.8-8.8/63, 8.8-9.5/64 PID: 0-2=.7, 2-4=.5, 4-6= 0.6, 6-8= 0.6, 8-10= 0.6, 10-12= 0.7, 12-14= 0.6, 14-16= 0.7, 16-18= 0.7, 18-30= 0.3 1345 SUTTAC collect split small 5-55 - 56394-CB-011810-062.

Allied - Plannell 1-18-10 to collect MS/MSD at 062. Mayor to location SB-186. unalyzing for cyalide at this 1425 CALA bosins advancing 50-106. 1445 0-6" (but and wordy Inckried light brown action to rooms brown send. somp, re, up 6-12" Gry cooler sand, NCNP, days 12.5 Median brann course to the sard, denj), Ne, np 10-15 Block, cook yound sond, dangue, 15:20 Blad, coarse you'red sord of mall groul. Ni, MP, not. 0-8=0.5, 2-4=0.4, 4-6=0.4, 6-8:04 8-10= 0.5, 10-12= 0.6, 12-14= 0.4, 14-16-0.5 16-18-0.6, 18-20 < 0.7 Samples: 5-50-56394-CB-01180-67 68 1510 3.5-5.5 1515 8-10 1250 8-10 NUP

1-18-10 , 6-6-0.6, 8-10=0.6, 10-12-0.7 17-14: 6.7, 14-16= 6.6, 16-18=0.5, 18-20= Samples: 0-1/071, 7-9/072, 5-50-56394- CB- OH 848 011810 - 07

,		Photolog	1-18-10
#			
44/476	56-111	1 ocention	J
45/477	20-101	(ocuto)	NE
46H78	CF		NE
47F179		location	
48/480	50-106		
48/181	50-106	cores	- ON
50/483	SB-113	location	1/19 DEast
57HB3	11 /1	corus	, Oan
	50-112	1 outon	East
53485	20-112	cores	Down
541486	36-114	pration	E
55/487	58-114	Corrs	E
56/488		location	ME
0-4	Medium	brown tonoi	1 4 vezetation
X "- 2	O- Made	- homes in	was and I have
N	WP.		, , , , ,
2.0-3	- O Andin	brown coarse	yand with
rick	Lagers	1 25, 3.0, 4	S, NL NP
5-71.	- Midtun	True COUL	grey soud
d	Mard . pet . 1	4. 1) /
7-8'-	Mid bo	was code so	and dans.
NC.	φ.		sond, durp,
8-9	light be	owe to oran	wast still
			ma, & BM

Allied - Plainell 145 JATIAC collect sample from 79 1645 SulTRAC legart site

0.4, = 16-18=0.8 18-20=0.5 -SAINPLÉS: 0-1=073 Q9905 8-10: 074 0 010 0427 CAA Sujus advancing SP-112 0-4" - Topsoff, words not snot 11-3.5" - Midin bown coine grand

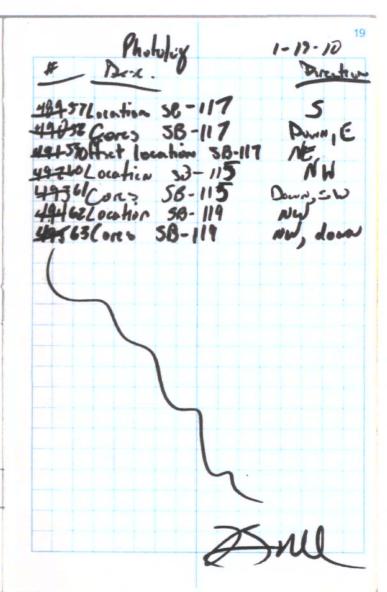
Planmell-Allie d PID: 0-2-05, 2-4-0.5, 4-6-3.2, 6-8-10.1, 8-10= 2.3, 10-12= 0.7, 12-14= 0.5, 14-16= 076-0-1 DUP (CRA) SUITRAL 077 077 OUP 6-8 1040 CAA conflicte boring SB-112 1035 CRA Sejnis advanty JO-114 1050 30-114 4 0-5' Medium binny were grand some with lower NC, np, damp 5-7 SAD, with concel chanks 7.7.5' Black coard graned and, me, of do 7.5-10' White-light fry paper risideals, colusie, story oder 10-12 Million Sour coalse grand so 12.15 Black course grand said , is just

Plainell - Allied 1-19-18 15.70 SAB, wet. 14-16 = 8-10= 3.7 078 0-1 1110 079 8-10 1115 1135 CRA BROK FOR 120 CRA MOVES to 58-116 0-11" Med. brown topsoil & ucyclation 4"-20" - Med. Some course Soul, - Med. Drown coarse save w red layers at 25, 3.044.5 7-8- Mid. Srown coarse sand damp, NC, NP. , 4t brown to orangish brown Mid. Oremish brown to assist sand,

16	1.16.10
Majarah - Allica	1-11-10
10-15 Black coarse	graphed sand, we rip
15-20 Black course go	graphed sand, we reported sand & gravel, sup
	And the second s
0-2=0.6	10-12 = 0.5
2-4= 1.2	12.14 = 0.5
4-6= 1.2	14-16 = 0.7
6-8= 0.8	(6-18 = 0.8
2-10 = 0.8 am	18-20 = 0.6 1
(RA samples -1751 000 0-1	Kon
1251 000 0-1	
1255 001 7-9	
1300 0BA 9.5-10' SulTRAL sumple	-
SulTRAL sumple	-
1250 5-50-56394-0	8-011910-081
1314 CAA advancia	sb-117
0-1" Topsel while	dec.
111-4.5 Median 60	to black course and
Nr. ad	- an
4.5-5.0 - Dorll	to black course and
wh der colemn a	
5.0-7.0- Med . brown	I course send with
soull in al don	D. M. NO
7.0-9.0 Midia	sunce send with
7.0-9.0 Media gas	Me and
3.20	100
9-10. Midin broi	and course granton

Plainell - Allie	1-19-10 17
sand with little	clay and yours, days
10-15 DIOL 1000X	grained sand, despere, up
PID Medings -	per stee gravel. The
0.7 - A1 Jr	10-12 = 0.(
2-4=0.7 4-6=0.3 6-8=0.7	12-14 = 0.1
4-6=0.3	14-16 = 0.1
6-8=0.7	16-18 = 0.2
8-10 - 0.8	18.10 = 02 C
can Samples: A	
8-10 084	ms/msb 1410
1415 Location	of 28-117 was wiff,
set 4' east d	be to indiriound
utilities	18211
1435 CRA MOVE	to location so 15?
3 5' This of	tenny retisch between tempt will offset worth.
PID READINGS	Rayle of on a facility.
0-2 0.5	10-12 0.3
24 0.2	12-14 0.4
4-6 6.8	17-11 0.9
6.8 0.8	16-19
8-10 1.5	18-20

Plannell- Allied 1-19-10 dm 1520 1530 1525 , 1535 5-30-56394-68-011910-086 CRA More to location 58-119 38-119 nork bun topal + usetation 19-20 SAB, brown sund



Plainted 1-19-10

CRA Samples: 089 0-1 1620

090 8-10 1625

Sultrac

5-50-529 MI 56394-011910-c8-090

PID 38-119

0-2 0.1 10-12 0.4

2-4 0.5 12-14 1.7

4-6 0.8 14-16 1.4

6-8 0.4 16-18 1.6

8-10 0.8 18-20 1.9

1645 CRA completes soil beings.

1655 5.1 trace departs the site.

BALL , 19.10

Plainnell-Allied 0750 Sultere depot both for site 0826 SCITARE & CAR MAC to box 11-20 -0.7 CAH SAMPLED: 070 0 1000 091 0 1065 7-9

		Pho	tole	ж.	4		. 2
*	- 64	Des	٤.	1		Direch	60
490	45	513-1	44	leca	Hon	E	
497		56-14	44	CORS		DOWN	
6/67		B-1				NE	
68		0-14				Down	
69		3-142				5	
70		- 142				Dan	
ור		B-107				W	
72	60	obught	5	ct-w	83	B-IUZ, A	h
73		-102				DOWN	
		118				E	
75		-118				Down	•
76		103				E	
77	78-	103	co	R)		Row	
T Pa		t i					
1			6				

Plainell - Allie 1137 CRA bries 6"- 4.5'- Medium brown to grangish brown grained sand, damp, we, wip. light brown coarse sound with 16-15 Median brown course grand son your , moist, in , up " 910 Pun 17 14-16 =0.6 16-18 -0.5 8-10 = 0.7 18-20 - 0.7 samples: 096 1240 cea legins relocating my 1315 CAA GegINS advancing 50-142

9amul 5B-14	W-A11.	id	1-20-10
0-4"	Dork bre	un topsel	duap of re
ALC: -			1 4 24 4
9.10	I done	josel no	lase sand of 1" Doop, hen with coone to be orangite
9-15 50m	Same	ma abou	to be orangit
	LESULTS		al (
0-2	= 0.0	12-14	0.1
2-4	= 0.1	14-16 =	101
	= 0.0	(648	5.0
	₹ 0.2	18-50	= 0.3
and the second second	-0.3	~	en
-	-= 0.2		
CRA	SAMPLES 099	9.5-	10.5
			181
SULTR	AL somp	65 -	-6
5-50-	563941- C	3-012016	0-099 1350
CONTRACTOR OF THE PARTY OF THE			

PID Pun CRA SAMPLES: 100 1430 0-1 101 8-10 1435

Plainnell - Allie	1-20-10 18	7
1515 5B-11	18	
D-1 Derk	Brown topsuil	1
7"-4' Brance	ush brown fine presided	
send done	NE NO	
5-4' 5AB	light orangish brown	
6-10' Madius	brown and comed	
sand ul tra	4 soul dead at NO	1
10-14. < - Blad	in brown coarse said	,
STANK NE N	a meist	
N 5-15- M	in bone coope and	•
net as no	BK	,
K-15 - Mad	his bon would with	
coary sand	met at an	1
15 5 - 20 SA	him brown roud with wet, at ap (5 but black Br	
PIA PESULTS	31	~
0-2 = 0.5	10-12 = 0.3	
2-4 = 0.5	12-14 = 0.1	
4-6 = 0.6	14-16 = 0.7	
	16-18=0.1	1
8-10=0.2	18-20=0.	1
CRA SAMPUS:	102 0-1' 1545	
155	0A03 8-10 0 7.5-9.	5
	ye to location 38-10	
1663 Be. 40 0	July 38-103	
0-1 Dork Po	man topsel, dup, ne,	P

24-51 Median brown fire grained sand with trace course gard. Trace grown. 5-10 SAB, dork wown from 7-8:-DM 15-20 SAB but redien brown color PID Readings 0-2= 0.4 10-12 = 20 Z-4 = 0.6 12-14 = 2.2 4-6=1.0 14-16= 1.8 6-8=1.6 16-18= 2.4 2.10= 2.7 18-20= 2.9 CRA Samples: 104-0-11-1640 Sulter Sumple: 2- X- 5274- 65-012010-105 1630 from 7-9'-1645 LAN 4 SUTAAL complete soil 1700 SulTRAL deport will be entered at hotel

Maron U. Allied	1-21-10 29
DISS SUTAAC	DANK. PICK-UP 165
for spenlier	- on
PRID SITEAU	on an can alexania
SA-120 -	onite. Pick-up jars on can advancing Bon
Al light have	Cause and Sand
1	to Hack course My Mark course My My My Course spring send, Bon Bon Bon Bon Bon Bon Bon Bo
المرامد	4- 11-11
1-4 Medan Stave	40 APRIL COOLSE
graine sond du	7, 10, 10
21.5 Light brow	in course stances series
domp, ric, no	000
1-10 SAB	- Gn
10-15 340 -	, 341
15-20, Dark gre	and and coorse
sord, net, ne of	0. Bear 19-20 15
PID Results	
0-2-1.2	10-12 - 0.8
2-4 = 0.9	12-14 = 0.5
4-6 = 0.6	14-16 = 0.5
6-8 = 0.3	16-16 = 0.6
8-10 = D.7	18-20 = 0.5
COA -AMDIEC:	894-290 Tol 0-1 (DUP)
And The And	2010 440 0015
01700	- 0910, DIP 0915 (100)
	- 58394- ca- 012110-
107, 8900	

30	AUL: 1	4
0450 (40	Allied 1-21-10 begin educing 38-104	元
O. 2' Median	Derin Country 30-104	#
topol dos	Prick frag at 4' Colering Coolse grained sand with	78
2. 7' Block	the waid and will	80
trace clays.	Brill from at 4' colesion	81
mp, done	- AN	(82
5-7' Black	coolse grained scool, demp.	83
nc, ng.		84
7-10 drayesh	Np. 1" couple at 10' - de	85
damp jobe 1	Np. 1" cosse ut 10 - de	869
10-15 NO 10	MONLY	84
mod Medi	UM Brown course sand	55
PIN STOUL	L, net, ne, np	NT ST
0-2 = 0.3	10-12=0.5	90
2-4 = 0.4	12-17 0-7	8:
4-6= 0.4	14-16 = 0.9	
6-8 = 0.3	16-18 = 0.6	
8-10 = 0.4	18-20 = 0.5	
CRA Sumples:	: Collecting Cyanide on all	1
109 : 6-1'	90150	
110 = 3-5	MS MSD @ 0955	
111 = 5.7	(2) 1000	
112 = 8-11	@ 1005	
SulTARE Sai	NA 1000 1000	•

	Photolog	1-21-10
立	Desel	Draste
78	Lountin SB-120	N
79	1111 58-104	N.
80	Geophise cores SB-1	out N/down
81	Loution SB-122	Su
82	Cores 58-122	Dowl, N
83		N
84		Down
857		
868		Dous
PO	Location SB-10%	E
889	Ocons 38-105	
DT 1	1 COURTON 30-121	DE
70 7	2 cors sB-1	58 Oans
		PA
	del Prilar of	A. Ac.
	d St Photos of	(caking)
	VOC contains.	Lid not
	VOC contains.	Lid not
	1 36 Photos of 100 containers. tightens when container compa	Lid not
	VOC contains.	Lid not
	VOC contains.	Lid not
	VOC contains.	Lid not

Planuell-Allied 1-21-16 1045 CRA bying 5B-122 -0-4" Med. brown topsoil of vyctator, damp, colesine, non-plaster 4"- 2" Medium Grown course som 1) small pack, we up 2-4'- Black him want sand, day Lisht gray com sand with small cobbles at 9.5; demp, NC, Mp. -10-12 Med. Bown course son truck clay, moist, colorice up. 12-15 Block coarse grace with coone grain I see 8. Wet, NC, NP 15.70 SKB 8-10 = 0.716-18 = 0.3 10-17 = 0.6 18-20-0.5 4-6 = 0.6 12-14 = 0.5 6-8=0.4 14-16=0.4

Plannell - Allied CRA Sumples: 113 0-1 1120 1125 114 8-10 SUTRAL Susply: 116/5-30-56314-63-01210-114 1140 CRA & S.ITTAL break for lunch 1225 CAA begins advanced 38:124 0-6 Topsoil Aled brown, where perp 6" 1.5" - Medium Grown course sid 2-5-4.54 Black coon said with groul, dump, NC, NP -1.5 Linestone rock loy1, 2" think 1.6-5.0' Med. brown course sand with at 7.5. prest, dags, ac, op. Quety 8-10 Med brown fore ground and with at 9.0' - my, Ne, of hoer resid Black course grained send, most paper residuels at 11! 17.5 Clay layer, gray, lump, adesice

Plainell-Allied 1-21-10 Black grand with little sand. Moist, my up 15-20 SAB, mudein brown RESULTS 0-2=1,2 16-12 = 1.2 16-18 = 0.8 8-10-4.4 CRM SAMPLES: 115 0-1' 1315 1320 SULTRAC: 5-50-56394-C8-012110-11601310 5.5-6.5 - Light gray rocker

Plainell - Allied 1-21-10 SUI TRAC: 5-50-56344-C3-012110-118 @ 56-105

Planell- Allied 1-21-10 damp. I'm clay layer, cohesine, plass 6.5-10' - Light, brown f.g. sand grained sand, but, ac, Np. 0-2-0.6 16-72-0.4 2-4= 0.8 12-14 = 0.2 4-6 = 0.6 14-16 = 0.7 6-8 0.7 16-18 = 0.8 CRA SAMPLES: 119 0-1 9 1520 120 1-301525 121 3-5'0 1530 122 8-10'01535 123 3-5 DUP @ 1540 1540 CRA begins advancing SB-128. 0-4" Topool & wood, makind, large, slightly colexine.

4"-5" Midden brown course grained sand of small grand, dang ne, op

Plainvell-Allied 1-21-10 5-10 ; Light brown coarse praired 10-12.5 - SAB -12.5 Grey fine grained sound of trees 4-6= 0.8 1476= 1.0 18-20= 0.6 CRA SAMPLES: 124 0-1 0 1618 125 11.5-13.5 @ /620 1710 SulTRAC Malon complete data entry and turn over logbook to SulTRAI Kondrek. APPENDIX C

FIELD SAMPLE LOG

(Six Sheets)

			SUBSURFA	CE SOIL SAMPLE	S					
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-307	CRA	SO-56395-CB-011410-049	1/14/2010		-	Duplicate				
SB-307	CRA	SO-56395-CB-011410-050	1/14/2010		1415		1			
VA-1	CRA	S0-56394-CB-011310-1010	1/13/2010		1315		1			
VA-1	CRA	S0-56394-CB-011310-1011	1/13/2010		1325		1			
VA-1	SulTRAC	S-S0-56394-CB-011310-1011	1/13/2010		1325			1		
SB-110	CRA	SO-56394-CB-011810-053	1/18/2010	Option and Automatical State of the Control of the	1000	THE RESIDENCE OF THE PARTY OF T	1			
SB-110	CRA	SO-56394-CB-011810-054	1/18/2010		1005		1			
SB-110	CRA	SO-56394-CB-011810-055	1/18/2010		1010	Duplicate				
SB-108	CRA	SO-56394-CB-011810-056	1/18/2010		1115		1			
SB-108	CRA	SO-56394-CB-011810-057	1/18/2010	6.5-8.5	1120		1			
SB-108	CRA	SO-56394-CB-011810-058	1/18/2010	8.5-10.0	1125		1			
SB-108	SulTRAC	S-SO-56934-CB-011810-057	1/18/2010		1125			1		
SB-107	CRA	SO-56394-CB-011810-059	1/18/2010	0-1	1300		1			
SB-107	CRA	SO-56394-CB-011810-060	1/18/2010	6.5-8.5	1305		1			
SB-107	CRA	SO-56394-CB-011810-061	1/18/2010	8.5-10.0	1310		1			
SB-101	CRA	SO-56394-CB-011810-062	1/18/2010	0-1	1345	MS/MSD	1			
SB-101	CRA	SO-56394-CB-011810-063	1/18/2010	6.8-8.8	1350		1			
SB-101	CRA	SO-56394-CB-011810-064	1/18/2010	8.8-9.5	1355		1			
SB-101	SulTRAC	S-SO-56394-CB-011810-062	1/18/2010	0-1	1345			1		
SB-106	CRA	SO-56394-CB-011810-067	1/18/2010	0-1	1505		1			
SB-106	CRA	SO-56394-CB-011810-068	1/18/2010	3.5-5.5	1510		1			
SB-106	CRA	SO-56394-CB-011810-069	1/18/2010	8-10	1515		1			
SB-106	CRA	SO-56394-CB-011810-070	1/18/2010	8-10	1520	Duplicate				
SB-111	CRA	SO-56394-CB-011810-071	1/18/2010	0-1	1605		1			
SB-111	CRA	SO-56394-CB-011810-072	1/18/2010	7-9	1605		1			
SB-111	SulTRAC	S-SO-56394-CB-011810-071	1/18/2010	0-1	1605			1		
SB-308	CRA	SO-56394-DR-011810-1020	1/18/2010	0-2	1410		1			
SB-308	CRA	SO-56394-DR-011810-1021	1/18/2010	3-5	1415		1			
SB-308	CRA	SO-56394-DR-011810-1022	1/18/2010	7.5-9.5	1420		1			

			30030KI ACE 30	OIL SAMPLES con	tinueu	Field		SulTRAC	SulTRAC	SulTRAC
					SAMPLE	Duplicates or	CRA sample	sample	Duplicate	MS/MSD
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	TIME	MS/MSD	count	count	Count	count
Test Pit 201	CRA	SO-56394-DR-011910-1024	1/19/2010	8-10	1130		1			
Test Pit 201	SulTRAC	S-SO-56394-DR-011910-1024	1/19/2010	8-10	1130			1		
Test Pit 202	CRA	SO-56394-DR-011910-1025	1/19/2010	1-2	1330		1			
Test Pit 202	CRA	SO-56394-DR-011910-1026	1/19/2010	1-2	1335	Duplicate				
Test Pit 202	CRA	SO-56394-DR-011910-1027	1/19/2010	8-10	1340		1			
SB-113	CRA	SO-56394-CB-011910-073	1/19/2010	0-1	905		1			
SB-113	CRA	SO-56394-CB-011910-074	1/19/2010	8-10	910		1			
SB-112	CRA	SO-56394-CB-011910-075	1/19/2010	0-1	950		1			
SB-112	CRA	SO-56394-CB-011910-076	1/19/2010	0-1	950	Duplicate				
SB-112	CRA	SO-56394-CB-011910-077	1/19/2010	6-8	950		1			
SB-112	SulTRAC	S-SO-56394-CB-011910-077	1/19/2010	6-8	950			1		
SB-112	SulTRAC	SD-SO-56394-CB-011910-077	1/19/2010	6-8	950	Duplicate			1	
SB-114	CRA	SO-56394-CB-011910-078	1/19/2010	0-1	1110		1			
SB-114	CRA	SO-56394-CB-011910-079	1/19/2010	8-10	1115		1			
SB-116	CRA	SO-56394-CB-011910-080	1/19/2010	0-1	1250		1			
SB-116	CRA	SO-56394-CB-011910-081	1/19/2010	7-9	1255		1			
SB-116	SulTRAC	S-SO-56394-CB-011910-081	1/19/2010	7-9	1255			1		
SB-116	CRA	SO-56394-CB-011910-082	1/19/2010	9.5-10	1300		1			
SB-117	CRA	SO-56394-CB-011910-083	1/19/2010	0-1	1410	MS/MSD	1			
SB-117	CRA	SO-56394-CB-011910-084	1/19/2010	8-10	1415		1			
SB-115	CRA	SO-56394-CB-011910-085	1/19/2010	0-1	1520		1			
SB-115	CRA	SO-56394-CB-011910-086	1/19/2010	3-5	1525		1			
SB-115	SulTRAC	S-SO-56394-CB-011910-086	1/19/2010	3-5	1525			1		
SB-115	CRA	SO-56394-CB-011910-087	1/19/2010	5-7	1530		1			
SB-115	CRA	SO-56394-CB-011910-088	1/19/2010	9-10	1535		1			
SB-119	CRA	SO-56394-CB-011910-089	1/19/2010	0-1	1620		1			
SB-119	CRA	SO-56394-CB-011910-090	1/19/2010	8-10	1625		1			
SB-119	SulTRAC	S-SO-56394-CB-011910-090	1/19/2010		1625			1		
Test Pit 203	CRA	SO-56394-DR-011910-1031	1/20/2010		845		1			
Test Pit 203	SulTRAC	S-SO-56394-DR-011910-1031	1/20/2010	0.5-1.5	845			1		
Test Pit 203	CRA	SO-56394-DR-011910-1032	1/20/2010	2-4	900		1			
Test Pit 203	CRA	SO-56394-DR-011910-1033	1/20/2010	8-10	925		1			

			SUBSURFACE SO	OIL SAMPLES con	tinued					
					C44401.F	Field		SulTRAC	SulTRAC	SulTRAC
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Duplicates or MS/MSD	count	sample count	Duplicate Count	MS/MSD count
Test Pit 301	CRA	SO-56394-DR-011910-1034	1/20/2010		1135	1413/11133	1	Count	Count	Count
Test Pit 301	CRA	SO-56394-DR-011910-1035	1/20/2010	12.0	1210		1			
Test Pit 301	SulTRAC	S-SO-56394-DR-011910-1035	1/20/2010		1210			1		
Test Pit 301	CRA	SO-56394-DR-011910-1036	1/20/2010	The same of the sa	1225		1			
Test Pit 302	CRA	SO-56394-DR-011910-1037	1/20/2010	0.5-1.5	1345		1			
Test Pit 302	CRA	SO-56394-DR-011910-1038	1/20/2010	4-6	1400		1			
Test Pit 302	SulTRAC	S-SO-56394-DR-011910-1038	1/20/2010	4-6	1400			1		
Test Pit 302	CRA	SO-56394-DR-011910-1039	1/20/2010	10-11	1425		1			
Test Pit 306	CRA	SO-56394-DR-011910-1041	1/20/2010	0.5-1.5	1515		1			
Test Pit 306	CRA	SO-56394-DR-011910-1042	1/20/2010	6-7	1535		1			
Test Pit 306	CRA	SO-56394-DR-011910-1043	1/20/2010	6-7	1540	Duplicate				
SB-144	CRA	SO-56394-CB-012010-092	1/20/2010	0-1	1000		1			7.5
SB-144	CRA	SO-56394-CB-012010-093	1/20/2010	7-9	1005		1			
SB-144	CRA	SO-56394-CB-012010-093	1/20/2010	7-9	1005	Duplicate				
SB-145	CRA	SO-56394-CB-012010-094	1/20/2010	0-1	1100		1			
SB-145	CRA	SO-56394-CB-012010-095	1/20/2010	7.5-9.5	1105		1			
SB-145	SulTRAC	S-SO-56394-CB-012010-094	1/20/2010	0-1	1100			1		
SB-143	CRA	SO-56394-CB-012010-096	1/20/2010	0-1	1200		1			
SB-143	CRA	SO-56394-CB-012010-097	1/20/2010	8-10	1205		1			
SB-142	CRA	SO-56394-CB-012010-098	1/20/2010	0-1	1355		1			
SB-142	CRA	SO-56394-CB-012010-099	1/20/2010	8.5-10.5	1400		1			
SB-142	SulTRAC	S-SO-56394-CB-012010-099	1/20/2010	8.5-10.5	1350			1		
SB-102	CRA	SO-56394-CB-012010-100	1/20/2010	0-1	1430		1			
SB-102	CRA	SO-56394-CB-012010-101	1/20/2010	8-10	1435		1			
SB-118	CRA	SO-56394-CB-012010-102	1/20/2010	0-1	1545		1			
SB-118	CRA	SO-56394-CB-012010-103	1/20/2010	7.5-9.5	1550		1			
SB-103	CRA	SO-56394-CB-012010-104	1/20/2010	0-1	1640		1			
SB-103	CRA	SO-56394-CB-012010-105	1/20/2010	7-9	1645		1			
SB-103	SulTRAC	S-SO-56394-CB-012010-105	1/20/2010	7-9	1645			1		
Test Pit 303	CRA	SO-56394-DR-012110-1044	1/21/2010	0-1	835		1			
Test Pit 303	CRA	SO-56394-DR-012110-1045	1/21/2010	6-8	855		1			
Test Pit 303	SulTRAC	S-SO-56394-DR-012110-1045	1/21/2010	6-8	855			1		1

			SUBSURFACE SC	OIL SAMPLES con	tinued					
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
Test Pit 307	CRA	SO-56394-DR-012110-1046	1/21/2010	0.5-1.5	1020		1			
Test Pit 307	CRA	SO-56394-DR-012110-1047	1/21/2010	0.5-1.5	1025	Duplicate				
Test Pit 307	CRA	SO-56394-DR-012110-1048	1/21/2010	8-10	1045		1			
Test Pit 307	CRA	SO-56394-DR-012110-1049	1/21/2010	2-3	1120		1			
Test Pit 307	SulTRAC	S-SO-56394-DR-012110-1049	1/21/2010	2-3	1120			1		
Test Pit 307	SulTRAC	SD-SO-56394-DR-012110-1049	1/21/2010	2-3	1125	Duplicate			1	
Test Pit 305	CRA	SO-56394-DR-012110-1050	1/21/2010	0.5-1.5	1340		1			
Test Pit 305	SulTRAC	S-SO-56394-DR-012110-1050	1/21/2010	0.5-1.5	1340			1		
Test Pit 305	CRA	SO-56394-DR-012110-1051	1/21/2010	2-4	1350	MS/MSD	1			
Test Pit 305	CRA	SO-56394-DR-012110-1052	1/21/2010	6-8	1405		1			
Test Pit 304	CRA	SO-56394-DR-012110-1053	1/21/2010	0.5-1.5	1455		1			
Test Pit 304	CRA	SO-56394-DR-012110-1054	1/21/2010	2-4	1505		1			
Test Pit 304	CRA	SO-56394-DR-012110-1055	1/21/2010	5-7	1515		1			
SB-120	CRA	SO-56394-CB-012110-106	1/21/2010	0-1	905		1			
SB-120	CRA	SO-56394-CB-012110-107	1/21/2010	7.75-9.75	910		1			
SB-120	CRA	SO-56394-CB-012010-108	1/21/2010	0-1	915	Duplicate				
SB-120	SulTRAC	S-SO-56394-CB-012110-107	1/21/2010	7.75-9.75	900			1		
SB-104	CRA	SO-56394-CB-012110-109	1/21/2010	0-1	950		1			
SB-104	CRA	SO-56394-CB-012110-110	1/21/2010	3-5	955	MS/MSD	1			
SB-104	CRA	SO-56394-CB-012110-111	1/21/2010	5-7	1000		1			
SB-104	CRA	SO-56394-CB-012110-112	1/21/2010	8-10	1005		1			
SB-104	SulTRAC	S-SO-56394-CB-012110-109	1/21/2010	0-1	1000			1		
SB-122	CRA	SO-56394-CB-012110-113	1/21/2010	0-1	1120		1			
SB-122	CRA	SO-56394-CB-012110-114	1/21/2010	8-10	1125		1			
SB-122	SulTRAC	S-SO-56394-CB-012110-114	1/21/2010	8-10	1120			1		
SB-124	CRA	SO-56394-CB-012110-115	1/21/2010	0-1	1315		1			
SB-124	CRA	SO-56394-CB-012110-116	1/21/2010	8-10	1320		1			
SB-124	SulTRAC	S-SO-56394-CB-012110-116	1/21/2010	8-10	1310	N.S. a. D. S.		1		V
SB-126	CRA	SO-56394-CB-012110-117	1/21/2010	0-1	1415		1			
SB-126	CRA	SO-56394-CB-012110-118	1/21/2010	7.5-9.5	1420		1			
SB-126	SulTRAC	S-SO-56394-CB-012110-118	1/21/2010	7.5-9.5	1410			1		
SB-105	CRA	SO-56394-CB-012110-119	1/21/2010	0-1	1520		1			
SB-105	CRA	SO-56394-CB-012110-120	1/21/2010	1-3	1525		1			
SB-105	CRA	SO-56394-CB-012110-121	1/21/2010	3-5	1530		1			
SB-105	CRA	SO-56394-CB-012110-122	1/21/2010	8-10	1535		1			
SB-128	CRA	SO-56394-CB-012110-123	1/21/2010	3-5	1540	Duplicate				
SB-128	CRA	SO-56394-CB-012110-124	1/21/2010	0-1	1615		1			
SB-128	CRA	SO-56394-CB-012110-125	1/21/2010	11.5-13.5	1620		1			
Totals							96	23	3	2

			VAS S	OIL SAMPLES						
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
VA-1	CRA	VAS-56394-DR-011110-1001	1/11/2010	10-14	1600		1			
VA-1	SulTRAC	S-VAS-56394-DR-011110-1001	1/11/2010	10-14	1600			1		
VA-1	CRA	VAS-56394-DR-011210-1002	1/12/2010	14-18	945		1			
VA-1	CRA	VAS-56394-DR-011210-1003	1/12/2010	18-22	1055		1			
VA-1	CRA	VAS-56394-DR-011210-1004	1/12/2010	18-22	1055	Duplicate				
VA-1	CRA	VAS-56394-DR-011210-1005	1/12/2010	22-26	1345		1			
VA-1	CRA	VAS-56394-DR-011210-1006	1/12/2010	26-30	1530		1			
VA-1	CRA	VAS-56394-DR-011310-1007	1/13/2010	30-34	840		1			
VA-1	CRA	VAS-56394-DR-011310-1008	1/13/2010	34-38	1010		1			
VA-1	SulTRAC	S-VAS-56394-DR-011310-1008	1/13/2010	34-38	1010			1		
VA-1	SulTRAC	SD-VAS-56394-DR-011310-1008	1/13/2010	34-38	1010	Duplicate			1	
VA-1	CRA	VAS-56394-DR-011310-1009	1/13/2010	38-42	1145		1			
VA-2	CRA	VAS-56394-DR-011310-1012	1/13/2010	6-10	1635		1			
VA-2	CRA	VAS-56394-DR-011410-1013	1/14/2010	10-14	845		1			
VA-2	SulTRAC	S-VAS-56394-DR-011410-1014	1/14/2010	10-14	845			1		
VA-2	CRA	VAS-56394-DR-011410-1014	1/14/2010	14-18	1040		1			
VA-2	CRA	VAS-56394-DR-011410-1015	1/14/2010		1040	Duplicate				
VA-2	CRA	VAS-56394-DR-011410-1016	1/14/2010	18-22	1250		1			
VA-2	CRA	VAS-56394-DR-011410-1017	1/14/2010	22-26	1400		1			
VA-2	CRA	VAS-56394-DR-011810-1018	1/18/2010	26-30	955		1			
VA-2	SulTRAC	VAS-56394-DR-011810-1018	1/18/2010	26-30	955	BARRES.		1		
VA-2	CRA	VAS-56394-DR-011810-1019	1/18/2010	30-32	1135		1			
Totals					REFEREN		15	4	1	

			SURFACE \	WATER SAMPLES	5					
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SW-1	EV	SW-56394-EV-011910-1028	1/19/2010				1			
SW-2	EV	SW-56394-EV-011910-1029	1/19/2010				1			
Totals							2			
			SURFACE	SOIL SAMPLES						
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SS-105	CRA	SS-56394-EV-011210-011	1/12/2010	0-1			1			
SS-103	CRA	SS-56394-EV-011210-012	1/12/2010	0-1	1320		1			
55-103	SulTRAC	S-SS-56394-EV-011210-012	1/12/2010	0-1	1320	The second		1		
SS-102	CRA	SS-56394-EV-011210-013	1/12/2010	0-1	1345		1			
SS-100	CRA	SS-56394-EV-011210-010	1/12/2010	0-1	1415		1			
SS-107	CRA	SS-56394-EV-011210-015	1/12/2010	0-1	1120		1			
SS-101	CRA	SS-56394-EV-011310-021	1/13/2010	0-1	1135		1			
SS-101	SulTRAC	S-SS-56394-EV-011310-021	1/13/2010	0-1	1135			1		
SS-104	CRA	SS-56394-EV-011310-022	1/13/2010	0-1	1325		1			
SS-106	CRA	SS-56394-EV-011310-023	1/13/2010	0-1	1345		1			
SS-106	CRA	SS-56394-EV-011310-024	1/13/2010	0-1	1350	Duplicate				
Total							8	2	0	(

ATTACHMENT 1

CRA SAMPLE LOCATION FIGURES

(Four Sheets)

